

4.2.C. 0604000503 (White Oak Creek).

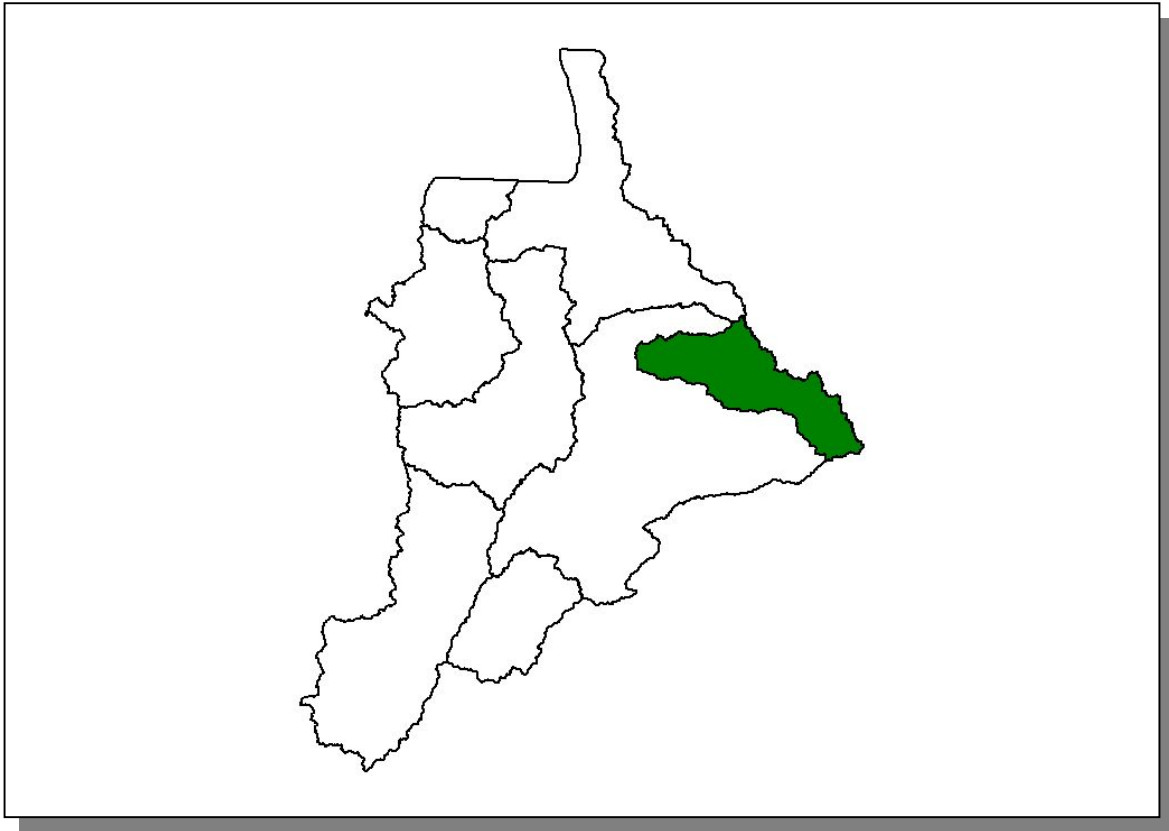


Figure 4-24. Location of Subwatershed 0604000503. All Tennessee Western Valley (KY Lake) HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.C.i. General Description.

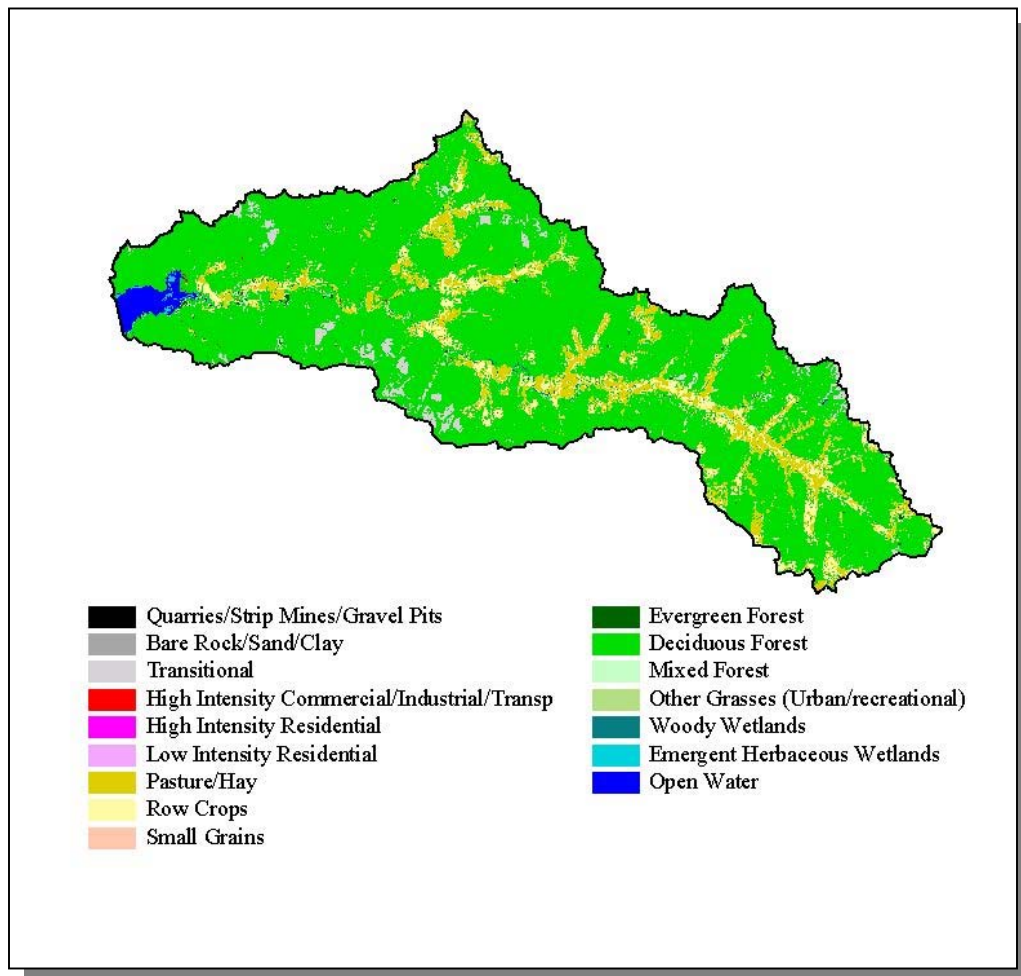


Figure 4-25. Illustration of Land Use Distribution in Subwatershed 0604000503.

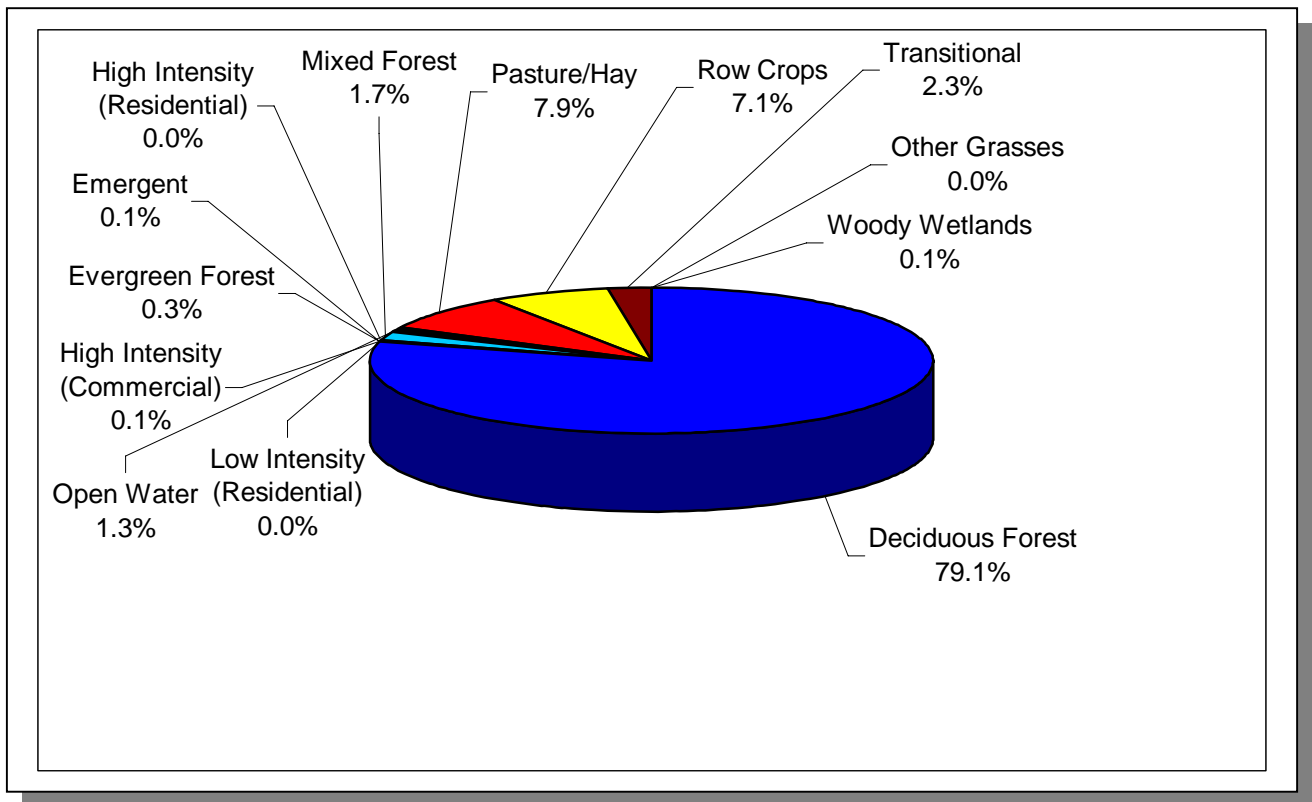


Figure 4-26. Land Use Distribution in Subwatershed 0604000503. More information is provided in Appendix IV.

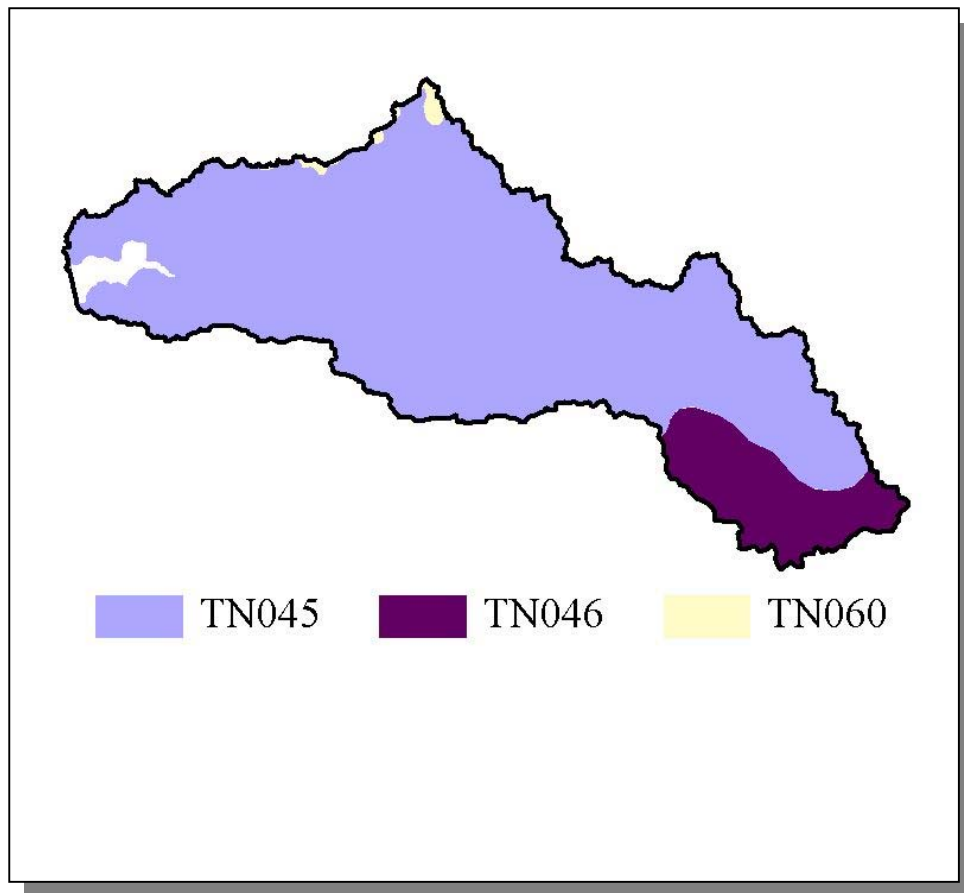


Figure 4-27. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000503.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN045	0.00	B	1.95	5.45	Loam	0.35
TN046	0.00	B	1.98	5.09	Silty Loam	0.38
TN060	20.00	B	1.30	5.32	Silty Loam	0.39

Table 4-13. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000503. More information is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Dickson	35,061	40,937	43,156	0.01	4	5	5	25.0
Houston	7,018	7,769	8,088	27.14	1,905	2,109	2,195	15.2
Humphreys	15,795	16,839	17,929	9.18	1,449	1,545	1,645	13.5
Totals	57,874	65,545	69,173		3,358	3,659	3,845	14.5

Table 4-14. Population Estimates in Subwatershed 0604000503.

Populated Place	County	Population	Total	NUMBER OF HOUSING UNITS		
				Public Sewer	Septic Tank	Other
Tennessee Ridge	Houston	1,271	499	117	377	5

Table 4-15. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0604000503.

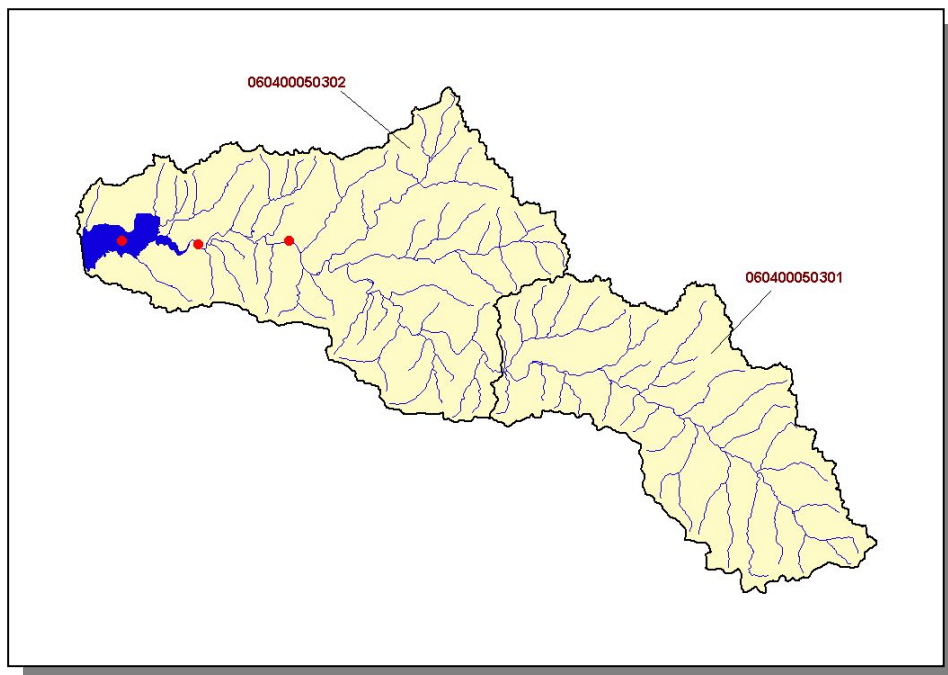


Figure 4-28. Location of STORET Monitoring Sites in Subwatershed 0604000503. Subwatershed 060400050301 and 060400050302 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

4.2.C.ii. Point Source Contributions.

There are no point source contributions in this subwatershed.

4.2.C.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Chickens (Broilers Sold)	Hogs	Sheep
1,022	3,793	38	5	<5	140	<5

Table 4-16. Summary of Livestock Count Estimates in Subwatershed 0604000503.
According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Dickson	174.3	174.3	1.8	7.7
Houston	94.2	94.2	0.0	0.0
Humphreys	241.2	241.2	3.7	14.4
Totals	509.7	509.7	5.5	22.1

Table 4-17. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0604000503.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	1.14
Grass (Hayland)	0.21
Legumes (Hayland)	2.01
Legumes, Grass (Hayland)	0.06
Grass, Forbs, Legumes (Mixed Pasture)	1.01
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	15.93
Sorghum (Row Crops)	5.80
Soybeans (Row Crops)	23.49
Other Vegetable and Truck Crops	7.71
Vineyard (Horticultural)	1.05
Conservation Reserve Program Lands	0.10
Other Land in Farms	0.12
Nonagricultural Land Use	0.00
Farmsteads and Ranch Headquarters	0.40

Table 4-18. Annual Estimated Total Soil Loss in Subwatershed 0604000503.